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103225

PURIFICATION AND CONCENTRATION OF H₂O₂

Patent Assignee: LIMING CHEMICAL INST MINISTRY (CN)

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Number of Patents: 001

Patent Family:

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CN 85103225	A	870110 (Basic)
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Application Data:

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CN 85103225	A	850401
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Abstract: Dilute H₂O₂ solution from extractive stage for preparation of H₂O₂ by anthraquinone process, containing 20 to 30% of H₂O₂, is evaporated in an upward film evaporator, the resulting residual solution after diluting with deionized water is reevaporated in another upward film evaporator, the vapor from the two evaporation stages goes into a fractionating tower to be refined so as to obtain concentrated H₂O₂. 85 to 90% of the impurities (by amount of carbon) can be removed and the recovery of product is from 95 to 97% (by amount of H₂O₂).

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